

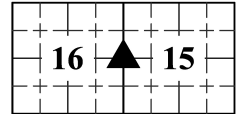
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: 6N3W_L13

Quarter Corner

Sections 15 & 16 - T06N - R03W, 2nd P.M.

Jackson Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" x 24" long rebar with an orange plastic cap stamped "OSER IN PS #21100022" set slightly below grade on the west side slope of an old roadbed.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location.

The corner is in a pasture on the west side bank of an old north/south roadbed. The corner is ~8 feet west of the apparent centerline of the old road and 37 feet west of a north/south wire fence.

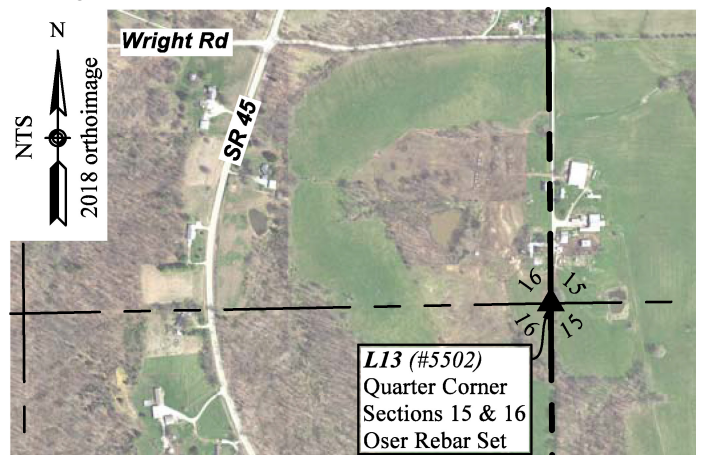
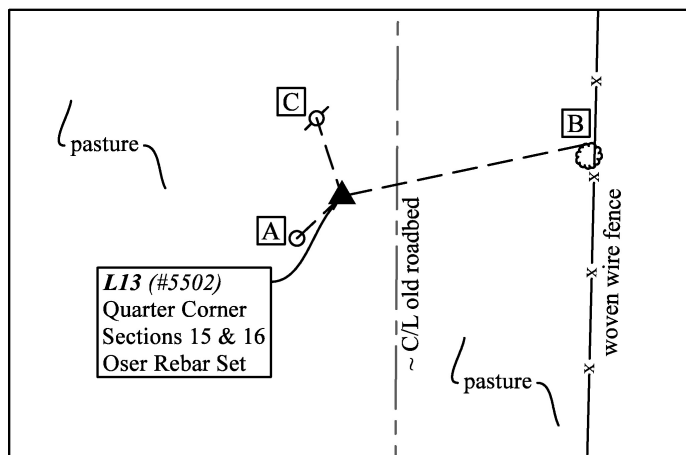
GEODETIC COORDINATES: (OSM #5502)

Northing	Easting	Datum	Datum Details
302421.15	890188.00	InGCS Greene Zone	US Survey Feet, NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3
1350431.57	3050793.12	NAD83(2011) IN West Zone	

WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 46°45'18" W	9.26'	2" x 1/4" mag nail in a yellow 5/8" x 12" polycarbonate "Rebarlite" set slightly below grade on the west top of bank of an old roadbed (<i>located with RTK</i>)
B	N 77°59'59" E	37.70'	2" mag nail and 1-1/2" orange plastic disc set flush in the north root crown of a 13" persimmon with north/south fence remains located 1.75 feet west of the current woven wire fence (<i>Bearing & Distance to nail – not tree center - located with RTK</i>)
C	N 18° W	12.3'	2" mag nail and 1-1/2" orange plastic disc set 3" above grade on the southwest side of 8" utility pole UDWI #141614 with a Greene County Survey Marker sign nailed to the southeast side of the pole 5.4 feet above grade

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image.



CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

In 1851, Greene County Surveyor F.B. Cressy set a stone at the midpoint between the section corner at J13 and the section corner at N13. No trace was found of the stone, but probing was ineffective because the corner falls on the side of an old roadbed in a compacted cow pasture. The property surrounding the corner is under common ownership. We reestablished the corner at the midpoint between the stone found at J13 and the stone found at N13.

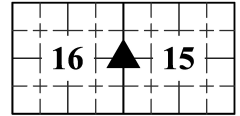
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Jackson Township, Greene County, Indiana



EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: c.1811-1812 By: Arthur Henrie

Where filed or recorded: F_EV03P341

Original monument: Wooden Post

Bearing Trees or Witness Ties:	Bearing	Distance
20" black oak	North	5 lks
7" dogwood	N 87° W	27 lks

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 02/22/1851 By: Cressy, F.B.

Where filed or recorded: LSB 1, pg 231

Monument: Set stone with X

Bearing Trees or Witness Ties:	Bearing	Distance
No witnesses, corner set at midpoint		

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
07/08/2003	Cooper, Matthew L.	Survey for Jacobs in Section 15 (<i>calculated at midpoint</i>)	2003-8350
10/31/2012	Deckard, Eric Lee	Survey in Section 16 (<i>calculated at midpoint between stones at J13 and N13</i>)	2013-0764
01/29/2018	Deckard, Eric Lee	Elliott Jordan Boundary Survey in Section 15 (<i>calculated at midpoint between stones at J13 and N13</i>)	2018-0586
01/26/2021	Boblitt, David R.	Survey for Young in Section 15 (<i>calculated at midpoint between stones at J13 and N13</i>)	2021-3776

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the stone set in 1851, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 8 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED:



Photo Orientation & Description: Looking south at L13



Photo Orientation & Description: Looking north at L13

FIELD PERSONNEL:

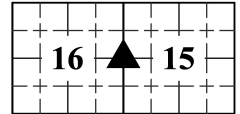
Field Date: 3/8/2023 and 4/3/2023 By: Rachel Oser and Phillip Oser Project: Oser Surveying & Mapping LLC Job# 10250
Corner Perpetuation Survey for Jackson Township Sections 15, 16, 21 & 22, Township 6 North, Range 3 West

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BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. Most distances to witness ties are ground and were measured with a 100' steel tape from the monument to the mag nail. When it was not practical to set a mag nail or hack a tree, bearings and distances were measured to the center of the BT. Distances approaching or in excess of 100 feet were measured by locating the reference object with RTK. Bearings are grid and were measured with the internal compass of the Javad Triumph LS rover from the monument to the center of the BT. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

CERTIFICATION:

Rachel Oser
Indiana Professional Surveyor 21100022
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(812) 320-2694 • Rachel@OserSurveying.com

Date: 9/26/2023



This document is not
complete without the
associated plat and report
of even date.